

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/011758 A3

(51) International Patent Classification⁷: **A61L 2/18**,
A61K 31/505, C07D 239/48, 239/95, C11D 3/48, A01N
43/54, D06M 13/355

(21) International Application Number:
PCT/EP2004/051516

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03102296.5 25 July 2003 (25.07.2003) EP

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AI, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HN, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

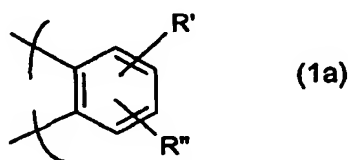
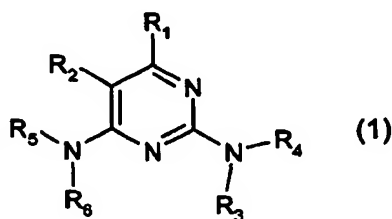
Published:

— with international search report

(88) Date of publication of the international search report:
28 April 2005

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF SUBSTITUTED 2,4-BIS (ALKYLAMINO) PYRIMIDINES OR -QUINAZOLINES AS ANTIMICROBIALS



(57) Abstract: The use of 2,4-bis(alkylamino)pyrimidines of formula (1) R_1 is C_1 - C_{12} alkyl or C_6 - C_{10} aryl; R_2 is hydrogen or C_1 - C_{12} alkyl; or R_1 and R_2 together form a radical of formula (1 a) R' and R'' are each independently of the other hydrogen, C_1 - C_6 alkyl or C_1 - C_6 alkoxy, R_3 and R_5 are each independently of the other hydrogen or C_1 - C_8 alkyl; R_4 is C_1 - C_{20} alkyl, unsubstituted phenyl, C_6 - C_{10} aryl, C_6 - C_{10} aryl- C_1 - C_6 alkyl, hydroxy- C_1 - C_6 alkyl, di- C_1 - C_6 alkylamino- C_1 - C_6 alkyl, mono- C_1 - C_6 alkylamino- C_1 - C_6 alkyl, $-(CH_2)_2$ -(O- $(CH_2)_2$) $_{1-4}$ -OH or $-(CH_2)_2$ -(O- $(CH_2)_2$) $_{1-4}$ -NH $_2$; R_6 is C_1 - C_{20} alkyl, C_6 - C_{10} aryl, C_6 - C_{10} aryl- C_1 - C_6 alkyl, hydroxy- C_1 - C_6 alkyl, di- C_1 - C_6 alkylamino- C_1 - C_6 alkyl, mono- C_1 - C_6 alkylamino- C_1 - C_6 alkyl, $-(CH_2)_2$ -(O- $(CH_2)_2$) $_{1-4}$ -OH or $-(CH_2)_2$ -(O- $(CH_2)_2$) $_{1-4}$ -NH $_2$; or R_3 and R_4 and/or R_5 and R_6 , together form a pyrrolidine, piperidine, hexamethyleneimine or morpholine ring; in the antimicrobial treatment of surfaces.